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AMENDMENTS TO THE CLAIMS

1-37. (Cancelled).

38. (Previously Presented) A containment device comprising:a proximal end, a distal end, and a longitudinal axis extending therethrough;at least three supports extending between the proximal end and the distal end;

each support comprising an elongate, flexible element which is movable from a first orientation in which the element extends substantially parallel to the axis at no more than a first distance from the axis, to a second orientation in which at least a portion of the element is inclined with respect to the axis and is separated by at least a second distance from the axis which is greater than the first distance; and

an endothelialization membrane carried by the device, for promoting endothelialization across the hollow body structure,

wherein the endothelialization membrane at least in part comprises a first membrane on a first side of the supports, a second membrane on a second side of the supports, and a bonding layer for bonding the first membrane and the second layer membrane together.

- 39. (Previously Presented) A containment device as in Claim 38, comprising at least five supports.
- 40. (Previously Presented) A containment device as in Claim 38, comprising from about five supports to about twenty supports.
- 41. (Previously Presented) A containment device as in Claim 38, further comprising a proximal hub at the proximal end and a distal hub at the distal end.
- 42. (Previously Presented) A containment device as in Claim 41, wherein the supports and the proximal hub and the distal hub are formed from a tube.
- 43. (Previously Presented) A containment device as in Claim 41, wherein the supports and the proximal hub and the distal hub are formed from a sheet.
- 44. (Previously Presented) A containment device as in Claim 38, further comprising at least one barb on each support.
- 45. (Previously Presented) A containment device as in Claim 40, further comprising at least one barb on each of at least two supports.

46-50. (Cancelled).



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51. (Previously Presented) A containment device for implantation with in a tubular structure in the body, comprising:

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a support member comprising at least three spokes which are movable from a reduced cross-section to an enlarged cross-section, the spokes movable from an axial orientation when the occluding member is in the reduced cross-section to an inclined orientation when the occluding member is in the enlarged cross-section, and

a porous endothelialization membrane carried by the support,

wherein the endothelialization membrane at least in part comprises a first membrane on a first side of the device, a second membrane on a second side of the device, and a bonding layer for bonding the first membrane and the second membrane together.

- 52. (Previously Presented) A containment device as in Claim 51, further comprising at least one hub on the support for holding the spokes.
- 53. (Previously Presented) A containment device as in Claim 51, wherein the support comprises at least eight spokes.
- 54. (Previously Presented) A containment device as in Claim 52, wherein at least one spoke has a first end and a second end, and the first end is attached to the hub.
- 55. (Previously Presented) A containment device as in Claim 51, wherein each spoke comprises a proximal section, a distal section, and a bend in between the proximal and distal sections when the support is in the enlarged cross-section.
- 56. (Previously Presented) A containment device as in Claim 51, wherein the spokes comprise wire.
- 57. (Previously Presented) A containment device as in Claim 51, wherein the spokes are cut from a tube.
- 58. (Previously Presented) A containment device as in Claim 51, further comprising at least one tissue attachment element on the support.
- 59. (Previously Presented) A containment device as in Claim 58, wherein the tissue attachment structure comprises a tissue piercing element.
- 60. (Previously Presented) A containment device as in Claim 59, comprising at least one barb on each spoke.

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61. (Previously Presented) A containment device as in Claim 38, wherein the supports comprise a nickel titanium alloy.

- 62. (Previously Presented) A containment device as in Claim 38, wherein the supports comprise stainless steel.
- 63. (Previously Presented) A containment device as in Claim 38, wherein the first and second membranes comprise ePTFE.
- 64. (Previously Presented) A containment device as in Claim 38, wherein the first and second membranes comprise Dacron.
- 65. (Previously Presented) A containment device as in Claim 38, where the first and second membranes comprise nylon.
- 66. (Previously Presented) A containment device as in Claim 38, wherein the endothelialization membrane has a pore size of no greater than about 0.04 inches.
- 67. (Previously Presented) A containment device as in Claim 38, wherein the containment device comprises a self expandable structure.
- 68. (Previously Presented) A containment device as in Claim 38, wherein the containment device comprises a self expandable wire structure.
- 69. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises wire mesh.
- 70. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises braided wire.
- 71. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises wire coil.
- 72. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises shape memory material.
- 73. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises pseudoelastic alloy.
- 74. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises nickel titanium alloy.
- 75. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises stainless steel.

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76. (Previously Presented) A containment device as in Claim 67, wherein the self expandable structure comprises composite material.

77. (Previously Presented) A containment device as in Claim 54, further comprising at least one tissue attachment element on the support.

- 78. (Previously Presented) A containment device as in Claim 54, wherein the supports comprise a nickel titanium alloy.
- 79. (Previously Presented) A containment device as in Claim 54, wherein the supports comprise stainless steel.
- 80. (Previously Presented) A containment device as in Claim 54, wherein the first and second membranes comprise ePTFE.
- 81. (Previously Presented) A containment device as in Claim 54, wherein the first and second membranes comprises Dacron.
- 82. (Previously Presented) A containment device as in Claim 54, where the first and second membranes comprises nylon.
- 83. (Previously Presented) A containment device as in Claim 51, wherein the endothelialization membrane has a pore size of no greater than about 0.04 inches.
- 84. (Previously Presented) A containment device as in Claim 51, wherein the containment device comprises a self expandable structure.
- 85. (Previously Presented) A containment device as in Claim 84, wherein the containment device comprises a self expandable wire structure.
- 86. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises wire mesh.
- 87. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises braided wire.
- 88. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises wire coil.
- 89. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises shape memory material.
- 90. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises pseudoelastic alloy.

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- 91. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises nickel titanium alloy.
- 92. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises stainless steel.
- 93. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure comprises composite material.
- 94. (Previously Presented) A containment device as in Claim 84, wherein the self expandable structure has at least one proximally concave surface and at least one distally concave surface when in an expanded configuration.
- 95. (Previously Presented) A containment device as in Claim 51, wherein the bonding layer comprises a mesh.
- 96. (Previously Presented) A containment device as in Claim 95, wherein the mesh comprises polyethylene.
- 97. (Previously Presented) A containment device as in Claim 96, wherein the mesh has an open surface area within the range of from about 10% to about 90%.
- 98. (Previously Presented) A containment device as in Claim 96, wherein the mesh has an open surface area within the range of from about 30% to about 60%.

99-100. (Cancelled)

101. (Previously Presented) A device for implantation within a left atrial appendage of a patient, the device comprising:

a proximal end, a distal end, and a longitudinal axis extending therethrough; at least three supports extending between the proximal end and the distal end;

each support comprising an elongate, flexible element which is movable from a first orientation in which the element extends substantially parallel to the axis at no more than a first distance from the axis, to a second orientation in which at least a portion of the element is inclined with respect to the axis and is separated by at least a second distance from the axis which is greater than the first distance; and

an endothelialization membrane attached to at least a proximal face of the device having a pore size sufficient to permit endothelialization.

102. (Previously Presented) The device of Claim 101, wherein the endothelialization membrane has a porosity in the range of about 5 to about 60 microns.

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103. (Previously Presented) The device of Claim 101, wherein the endothelialization membrane has a porosity in the range of about 10 to about 100 microns.

- 104. (Previously Presented) The device of Claim 101, wherein the endothelialization membrane has a porosity in the range of up to about 0.04 inches.
- 105. (Previously Presented) The device of Claim 101, wherein the endothelialization membrane has a porosity of up to about 0.005 inches.
- 106. (Previously Presented) The device of Claim 101, wherein the endothelialization membrane comprises a first membrane and a second membrane, wherein the first membrane and second membrane are attached to each other on opposite sides of the supports.
- 107. (Previously Presented) The device of Claim 101, further comprising a proximal hub at the proximal end and a distal hub at the distal end.
- 108. (Previously Presented) The device of Claim 101, wherein the supports comprise a nickel titanium alloy.
- 109. (Previously Presented) comprises ePTFE.

110-128. (Canceled)

The device of Claim 101, wherein the membrane